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<p>(21) International Application Number: PCT/US96/04909 (22) International Filing Date: 5 April 1996 (05.04.96) (30) Priority Data: 08/419,598 6 April 1995 (06.04.95) US (71) Applicant (for all designated States except US): AMYLIN PHARMACEUTICALS, INC. [US/US]; 9373 Towne Centre Drive, San Diego, CA 92121 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): BEELEY, Nigel [GB/US]; 227 Loma Court Drive, Solana Beach, CA 92075 (US). RINK, Timothy, J. [GB/US]; 6041 Camino De La Costa, La Jolla, CA 92037 (US). ALBRANDT, Keith, Alan [US/US]; 5024 Via Playa Los Santos, San Diego, CA 92124 (US). SIERZEGA, Michael, Edward [US/US]; 3959 Eighth Avenue #6, San Diego, CA 92103 (US). JAMES, Susan, M. [US/US]; 5676 Greenshade Road, San Diego, CA 92121 (US). PRICKETT, Kathryn, S. [US/US]; 7612 Trailbrush Terrace, San Diego, CA 92126 (US). PHELPS, Julie, L. [US/US]; 11264 Dalby Place, San Diego, CA 92126</p>	<p>(US). CHUN, Mark [US/US]; 8155 Cargill Avenue #23, San Diego, CA 92122 (US). PARK, Douglas, M. [US/US]; Apartment A, 10871 Via Los Narcisos, San Diego, CA 92129 (US). BEIDLER, Daniel, E. [US/US]; 12385 Paseo Colina, Poway, CA 92064 (US). (74) Agents: DUFT, Bradford, J. et al.; Lyon & Lyon, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071 (US). (81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.</p>	
<p>(54) Title: ANTI-OBESITY AGENTS</p> <p>(57) Abstract</p> <p>Proteins, including various dimeric and monomeric forms of the <i>ob</i> gene product, or modified <i>ob</i> protein-encoding DNA sequences, having anti-feeding activity and methods of preparing, purifying, formulating and using such proteins, for example, in the treatment of various feeding and metabolic disorders, including obesity and diabetes. Antibodies and immunoassays useful in the detection and quantitation of such proteins are also provided.</p>		

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